

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE REGULATORY CONTACT RECORD

Date/Time: March 18, 2002/ 10:00 a.m.

Site Contact(s): Ted A. Hopkins
Phone: 303-966-7652

Regulatory Contact: James Hindman
Phone: 303-692-3345

Agency: CDPHE

Purpose of Contact: Request approval to start D&D operations for Set 64

Discussion: Mr. James Hindman, CDPHE, has completed his review of a DRAFT B776/777 DOP Modification #8 (Mod #8). Mod #8 included Closure Information Sheets (CIS) for the remaining RCRA Units in B776/777. Mr. Hindman has requested that Mod #8 be revised to incorporate changes to the CIS regarding characterization and closure options. These changes were detailed in his e-mail submitted to Ted Hopkins on March 18, 2002 and will be incorporated as requested. Upon completion, a revised Mod #8 will be re-submitted to DOE and CDPHE for approval.

The CIS for Set 64 was included in the initial and the final Mod #8 package. Mr. Hindman has recommended very minor changes to this document. These changes have been incorporated into the attached CIS. I have requested that CDPHE approve the closure activities for Set 64 as described in this Contact Record. Such approval would allow D&D activities to proceed on schedule while Mod #8 is being revised. In the spirit of RFCA consultative process, Mr. Hindman has approved this request. D&D operations for this Set will commence in the last week of March.



B776/777 Closure Project
RCRA Unit Closure Information Sheet

SET #	RCRA Unit # #(s)	Description	Regulatory Status	Closure Status
64	74	Supercompactor and Repackaging Facility	Interim Status Treatment Unit	Inactive

Unit Description:	<p>The Supercompactor and Repackaging Facility (SARF) is located in Building 776, Room 134. The SARF was installed in the early 1990's and operated briefly in 1993-1994. The largest pieces of equipment are a 2000-ton (force) supercompactor, 30-ton pre-compactor, and associated hydraulic systems.</p> <p>Much of the SARF equipment is located inside of gloveboxes, including GBs 512, 513, 515, 516, 517, 518, and 521. A c-cell was constructed on the north end of GB515 to provide containment for drum load-in. Drums of soft waste (paper, plastic) were unloaded in the c-cell on a downdraft table. The inner waste bags were transferred into GB516 where they were opened and sorted to remove non-conforming items. The waste was then placed into 35-gallon drums in GB517 for precompaction. The precompactor ram compressed soft waste within the 35-gallon drum. Filled drums were transferred via motorized rollers into GB513 for piercing. 35-gallon drums of hard waste (metal, glass) were loaded into GB512 for direct transfer into GB513 for piercing, and did not go through the precompactor. The drums were pierced to allow air to escape from the 35-gallon drum during supercompaction, which occurred in GB518. Supercompaction involved crushing the entire 35-gallon drum plus contents into a "puck." There was a collection ring at the base of the supercompactor to collect any liquids, but no liquid was ever encountered. The compressed pucks were loaded out into 55-gallon drums from GB521.</p> <p>The hydraulic systems were located outside the gloveboxes and did not come in contact with hazardous waste.</p> <p>Secondary containment for the SARF is provided by the gloveboxes.</p>
Unit Boundaries and Interfaces:	<p>The SARF unit boundary includes the glovebox system and the attached c-cell. A drawing showing the SARF layout is attached. The SARF was a stand-alone system and did not connect to any other gloveboxes or piping systems.</p>
EPA Waste Codes/ Waste Characterization:	<p>A WEMS query identified only 11 drums of mixed waste generated by the SARF. Ten drums carry EPA waste codes of F001 and F002, and one drum has F005, D007, and D008 in addition to F001 and F002.</p> <p>The glovebox floors and rollers and the precompactor and supercompactor rams will be cleaned using debris rule technology and managed as LLW or TRU waste.</p>
Selected Closure Option:	<p>Unit removal in conjunction with debris rule treatment.</p>
Closure Activities:	<p>The SARF components and containment that directly contacted listed waste include the floors of GBs 516, 517, 513, 518, and 521, the rollers and piercing unit in GBs 513 and 521, and the precompactor and supercompactor rams. Closure activities for these gloveboxes and components will include cleaning using an approved decon solution. After cleaning, the surfaces will be visually inspected to determine if they meet the standard for a clean debris surface. If they meet the standard, the component will be closed by removal and managed as non-hazardous waste. Otherwise, they will be closed by removal and managed as mixed waste.</p>

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Waste Disposal:	The gloveboxes, precompactor, supercompactor, and secondary waste (e.g., PPE, decon wipes, and plastic containment material) generated during closure activities will be managed as CERCLA remediation waste. Upon final radiological characterization, the waste will be packaged and managed in accordance with waste management requirements in Section 6 of the DOP.
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Contact Record Prepared By: Ted A. Hopkins

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